

John H. Kerr 216 Study  
Estimate of Phase II Study Tasks

<b>Tasks</b>	<b>Costs</b>
Work Group 1 - Downstream Flow Regime and Effects on Riparian Ecosystem	
Flood Model Evaluation	\$25,000
Baseline Information to Evaluate Impacts of Downstream Flooding on Agriculture, Timber Operations and Road Access	\$150,000
Update Comprehensive Vegetation Map	\$50,000
Bottomland Hardwood Productivity and Recruitment Study	\$30,000
<b>Work Group 1 - Downstream Flow Regime and Effects on Riparian Ecosystem</b>	<b>\$255,000</b>
Work Group 2 - Water Quality	
Monitoring Strategy Development	
Field Monitoring	
Hydrodynamic Modeling	
Water Quality Modeling	
Management Scenario Analysis	
<b>Work Group 2 - Water Quality</b>	<b>\$0</b>
Work Group 3 - Sedimentation and Channel Morphology	
Establishment of Channel and Floodplain Cross-Sections	\$15,700
Monitoring Transects	\$37,990
Channel Dynamics (bathymetry)	\$15,860
Suspended Sediment Samplings	\$8,500
Floodplain Trapping	\$60,225
Modeling	\$129,120
Analysis and Report Writing	\$128,675
<b>Work Group 3 - Sedimentation and Channel Morphology</b>	<b>\$396,070</b>
Work Group 4 - Reservoir Resources	
<b>Work Group 4 - Reservoir Resources</b>	<b>\$0</b>
Work Group 5 - Downstream Flow Based Recreation	
Geographic-based Evaluation of Flooding Impacts on Recreation Access and Immersion of Recreation Lands	\$15,000
Downstream Recreation Carrying Capacity	\$35,000
Determination of How Recreation User Days are Influenced by John H. Kerr Operations	\$60,000
<b>Work Group 5 - Downstream Flow Based Recreation</b>	<b>\$110,000</b>
Work Group 6 - Salt Wedge	
<b>Work Group 6 - Salt Wedge</b>	<b>\$0</b>
Work Group 7 - Diadromous Fish and Riverine Aquatic Resources	
In-House Costs	\$27,000
Consultant coordinates and conducts aerial survey	20,000
Consultant summarizes data and presents to DF&DAH work group.	3,000
Consultant performs required analysis and develops draft report	10,000
Consultant revises draft report.	2000
<b>Work Group 7 - Diadromous Fish and Riverine Aquatic Resources</b>	<b>\$62,000</b>
Work Group 8 - Water Supply	
<b>Work Group 8 - Water Supply</b>	<b>\$0</b>
Work Group 9 - Operating Policies and Administrative Procedures	
<b>Work Group 9 - Operating Policies and Administrative Procedures</b>	<b>\$0</b>
<b>Totals Phase II Costs</b>	<b>\$823,070</b>